APPENDIX A

"Name of security:"
"Positive NN weight":   Current weight of Nearest Neighbor advisor.
"Negative NN weight":   Current weight of Anti Nearest Neighbor advisor.
"Positive DT weight":   Current weight of Decision Tree Advisor.
"Negative DT weight":   Current weight of anti-Decision Tree Advisor.
"Positive BOB weight: Current weight of Bob advisor.
"Negative BOB weight": Current weight of Anti-Bob advisor.
"Positive JOE weight": Current weight of Joe advisor.
"Negative JOE weight": Current weight of Anti-Joe advisor.
"Positive FIBO weight": Current weight of Fibonacci advisor
"Negative Fibo weight": Current weight of Anti-Fibonacci advisor.
"Alpha":   A timing parameter
"Positive Trendpred Weight": Weight of midterm trend continuing.
"Negative Trendpred Weight": Weight of midterm trend discontinuing.
"Positive Shortpred Weight": Weight of short term trend continuing.
"Negative Shortpred Weight": Weight of short term trend discontinuing.
"Beta":   A timing parameter
"Facilitation in Up trends": Ease of movement in up trends.
"Facilitation in Down trends": Ease of movement in down trends.
"Average Up Retracement": Average percent retracement after an uptrend.
"Average Down Retracement": Average percent retracement after a downtrend.
"Beginning of current trend": how many days since current trend began.
"Total change in previous trend": how much has trend covered.
"RSI 8": 8 period stochastic
"3 fast rsi": 3 period fast stochastic
"3 slo rsi": 3 period slo stochastic.
"mavg8 ": 8 day average
"mavg17 " 17 day average
"mavgdiff9": 9 day moving average of 17-8.
"Previous stochastic reading ".
"Previous MACD reading:"
"Average advance 15 ema" average advance in last 15 days.
"Average decline 15 ema" average decline in last 15 days.
"Projected Drummond High" Drummond Geometry trend projection.
"Projected Drummond Low" "   "   "   "
"Price Pulse High": Price pulse trend projection

"Name of security:"
"Positive NN weight": Current weight of Nearest Neighbor advisor.
"Negative NN weight": Current weight of Anti Nearest Neighbor advisor.
"Positive DT weight": Current weight of Decision Tree Advisor.
"Negative DT weight": Current weight of anti-Decision Tree Advisor.
"Positive BOB weight: Current weight of Bob advisor.
"Negative BOB weight": Current weight of Anti-Bob advisor.
"Positive JOE weight": Current weight of Joe advisor.
"Negative JOE weight": Current weight of Anti-Joe advisor.
"Positive FIBO weight": Current weight of Fibonacci advisor
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"Positive Trendpred Weight": Weight of midterm trend continuing.
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"Beta": A timing parameter
"Facilitation in Up trends": Ease of movement in up trends.
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"Beginning of current trend": how many days since current trend began.
"Total change in previous trend": how much has trend covered.
"RSI 8": 8 period stochastic
"3 fast rsi": 3 period fast stochastic
"3 slo rsi": 3 period slo stochastic.
"mavg8 ": 8 day average
"mavg17 " 17 day average
"mavgdiff9": 9 day moving average of 17-8.
"Previous stochastic reading ".
"Previous MACD reading:"
"Average advance 15 ema" average advance in last 15 days.
"Average decline 15 ema" average decline in last 15 days.
"Projected Drummond High" Drummond Geometry trend projection.
"Projected Drummond Low" " " " "
"Price Pulse High": Price pulse trend projection

[Para 1]   APPENDIX B -CYBERTRADER

[Para 2]   CyberTrader's Direct Access order routing technology adds two weapons to the active trader's arsenal: control and neutrality. Through CyberTrader, Direct Access to the market participants of the client's choice ensures that your order doesn't disappear into the void—you know where it's being routed and why.

[Para 3]   Available venues and order types include:

[Para 4]   Smart orders are available for both equities and options on Limit and Market order types. Smart orders work from a "snapshot" of the market at the moment you enter the order. They look at which market participants/exchanges are available at that instant, rank them, and try to get the best match all the way up to a set limit price (if there is one) based on that ranking.

[Para 5]   CyberXchange^{TM} can execute Limit, Market, ECN, Stop, Stop Limit, and Trailing Stop-loss order types for Day, Good 'Til Cancel (GTC), and Time in Force conditions. CyberXchange will assume the availability of Reserve Shares for certain counterparties (the assumed reserve amount varies depending on the counterparty.) CyberXchange will send the primary party's sub-order with a higher quantity than the counterparty is displaying with the hope of filling the original order more quickly and/or at a more favorable price. (ECNs, Market Makers, and exchanges often do not display on Level II the full quantity of shares they have available, but will instead post a certain number of shares and hold the rest back in "reserve".) Additionally, CyberXchange now has shortened timeout settings for sub-orders to keep the customer's order from stalling with a particular counterparty if they do not have the assumed reserves available to fill the order.

[Para 6]   Direct ECN access gives the user speed and control, allowing them to send orders straight from CyberTrader to Archipelago (ARCA), Attain (ATTN), Brut (BRUT), Bloomberg Tradebook (BTRD), INET, and NexTrade (NTRD), without using additional intermediate routing systems. On CyberXchange orders, CyberTraders can use the ECN-only option, to send orders only to ECNs with which CyberTrader has Direct Access, increasing the likelihood of a speedy and optimal execution.

[Para 7]   SuperMontage^{SM} and SuperMontage Directed are Nasdaq systems that route orders to market makers and participating ECNs. With SuperMontage, you can route orders directly from CyberTrader to specific market participants or to all SuperMontage participants by sending a broadcast order. One can also route orders for dual listed securities (NYSE/AMEX and Nasdaq) to the SuperMontage venue. This capability gives the user access to Nasdaq's electronic order execution system and liquidity, possibly improving order execution speed.

[Para 8]   SCHB order routing through Schwab allows the user to trade Over the Counter (OTC) and OTC Bulletin Board stocks. The SCHB venue helps manage the user's risk exposure by using the GTC, Time in Force, and Stop Limit conditions on Nasdaq stocks.

[Para 9]   AMEX order routing is also available through Schwab. This venue allows the user to send Stop, Stop Limit, Limit on Close (CLO), and other order types on AMEX Listed and Nasdaq stocks.

[Para 10]   NYSE is available for all NYSE Listed orders. CyberTrader routes orders to the NYSE through Schwab. The customer can also route orders for dual listed securities (NYSE/AMEX and Nasdaq) to the SuperMontage venue. This capability gives you access to Nasdaq's electronic order execution system and liquidity, possibly improving the order execution speed.

[Para 11]   CME and CyberXchange are available order routing venues for futures trading.

[Para 12]   Below is a table of all order routing choices for CyberTrader Pro Equities traders.

[Para 13]   Trade Stocks

The Stock Box is CyberTrader Pro's primary order routing and intraday data interface. Minimizing the time between decision and action can be crucial. As such, the Stock Box was carefully designed to put the most important information at your fingertips to help the user to act on a security's most relevant, up-to-date data.

[Para 14]   Enter a stock symbol and the Stock Box is populated with:

[Para 15]   16 fields of real-time vitals for the stock, including open/close figures, Level I bid/ask ratio, volume, high/low, and the spread to keep one informed about the latest movements of the stock as you make trading decisions. The Stock Box also displays the number of shortable shares available and has a feature that allows you to quickly estimate the number of shares the user can trade for a specified dollar amount.

[Para 16]   Level I, Level II (Total View™), and time & sales data, and ECN books from ARCA, BRUT, and INET gives a full view of market depth in the stock by showing posted bids and offers at every price level and the number of shares posted by each participant. This allows the person using the program to display the status, time, and directional change of each posting quote. Additionally, one can set their window to highlight certain participants within Level II (such as all ECNs or particular Market Makers);

[Para 17]   Order routing venues available for stock include the ability to add special order conditions such as pegging, invisible orders, Immediate or Cancel, All or None, etc.

[Para 18]   Trade Options

Derivatives like options provide a user with an opportunity to capitalize on market fluctuations using strategies not available when trading stocks. CyberTrader Pro offers advanced tools that can help one make the most of your options trading strategies. If approved to trade options, a user can click on the Options, Level II Options, and Advanced Options tabs in the Stock Box to view the following:

[Para 19]   Options Greeks may help you determine data points to measure an option's potential value and pricing in various contexts; time, fluctuating value of the underlying stock, and more. The following three options pricing formulas are available: Black-Scholes, Cox-Ross-Rubenstein, and Barone-Adesi-Whaley. With Options Greeks, you may be able to further determine how to hedge your portfolio and evaluate the performance of options contracts.

[Para 20]   Options Chains displays calls and/or puts up to more than two years forward, including strike price, symbol, last trade, change from close, current bid/ask, volume, and open interest. Up and down ticks in bid or ask are easily identified by color, red or green. "At the Money" contracts automatically highlight to give the user a common reference point of market performance when viewing options chains.

[Para 21]   Options Level II includes the following: open interest; total volume; volume by exchange; bid/ask prices; size on each exchange; and time and sales data. Options Level II data provides you with a greater depth of information about the options contract being viewed. The number of contracts at specific bid/ask prices, and time and venue of the last sale are shown to help determine the market's momentum. Available options order routing venues are: American Stock Exchange (AMEX), Boston Options Exchange (BOX), Chicago Board Options Exchange (CBOE), International Securities Exchange (ISE), Pacific Exchange (PCX), and Philadelphia Stock Exchange (PHLX).

[Para 22] **Advanced Options** order entry choices use common options pairing strategies designed to help determine how to hedge the user's portfolio. Strategies available are: Buy/Write and Unwind, Straddle, Rollout, Calendar Spread, Vertical Spread, and Collar. Through CyberTrader, you also get Direct Access to the ISE and CBOE for thecomplex options orders. This helps the customer avoid the possible market risk of legging in and you only pay 1 base commission per each pair of legs, plus a per contract fee. Armed with a variety of strategies to choose from, the consumer can take advantage of trading opportunities that might otherwise be missed.

[Para 23] Options trades can be initiated from all Options tabs in the Stock Box ensuring the ability to place trades as soon as one makes trading decisions.

[Para 24] Right-clicking on an options symbol in any of the three tabbed windows allows access to th following:

[Para 25] Advanced data for the option, such as the multiplier, size, tick direction, and exchanges trading the option, etc.

[Para 26] Hypothetical Pricing based on Black-Scholes, Barone-Adesi-Whaley, or Cox-Ross-Rubinstein pricing methods. The strike price, share price, expiration, volatility, interest rate, and/or dividend yield can be modified to calculate hypothetical option prices and Greek values based on potential market fluctuations.

[Para 27] Note: commissions, taxes, and transaction costs can be a significant factor when implementing any options strategy. Multiple-leg strategies involve multiple commission charges. For more details on standard option or multiple-leg option commissions please visit our Commission and fees section at http://www.cybertrader.com/fees. Contact a tax advisor for the tax implications involved in these strategies.

Options carry a high level of risk and are not suitable for all investors. Certain requirements must be met to trade options through CyberTrader. All accounts are accepted solely at the discretion of CyberTrader, Inc. Please read the Options Disclosure Document titled Characteristics and Risks of Standardized Options before considering any options transactions. Copies of this document are available by calling (888) 762-9237 and selecting prompt "1" and then prompt "1" followed by "2." Alternately,go to http://www.cybertrader.com/forms/OCC_Disclosure.pdf for an electronic copy, or write to CyberTrader, Inc., PO Box 202890, Austin, TX 78720. Member NASD/SIPC.

[Para 28] **Trade Futures**
CyberTrader Pro is known as a leading trading platform for trading equities, options, and futures. Once you have opened a dedicated futures trading account, you can log into both your equities/options accounts and your futures account and toggle between both with a click of the mouse. For the demanding futures trader, CyberTrader Pro provides powerful execution capabilities, account management and a range of analytical tools.

[Para 29] After typing a futures symbol, the stock tab becomes the futures tab and clients can:

[Para 30] Buy and sell the following futures E-mini products: S&P 500™, Nasdaq 100, Russell 2000®, and S&P Midcap 400™.

[Para 31] Close a futures position and establish a new position with the same number of contracts in the opposite direction in one step with the new reverse action button.

[Para 32] View Level II CME Futures* data, which displays bid/ask prices and quantities up to five levels.

[Para 33] CyberTrader Pro provides futures traders with more than just execution functionality. Clients can take advantage of the alerts system to find opportunities, and the full charting package to evaluate and analyze both specific futures securities and the full derivatives market. In fact, many of the tools that are available for equities and options trading can be used for futures trading.

[Para 34] **Get the Big Picture**
The Stock Box is more than a tool that allows the consumer to place trades and view data; it can also be linked to other windows in the software. Consequently, when the user loads a symbol into the Stock Box, it can immediately load the symbol into some or all of the following CyberTrader Pro tools:

[Para 35] **News** – Instantly runs a query for news on the symbol and displays the results in the Query Results tab. Includes the latest news coming from Dow Jones Newswire™ that could affect the stock.

[Para 36] **Dynamic Ticker** – Begins tracking the stock's tick direction, quote changes, quantity changes and other parameters to gives a sense of the momentum in a stock.

[Para 37] **CyberCharts** – Display the price chart and any technical studies the user has set up for the loaded stock. Depending on the charts customized Stock Box is linked to, one can see the intraday movements of the stock or see how the stock has behaved over the long term. With CyberTrader Pro, the customer can use up to 20 chart windows at once.

[Para 38] **Hammer** – Helps identify the most active Market Makers or ECNs in a stock by tracking how many times the market participant has refreshed their quote at the inside bid or ask.

[Para 39] **ECN Book** – Displays ARCA, BRUT and INET ECN book data (bid, ask, quantity, time & sales) for the loaded security. The ECN book can give you a quick picture of the overall liquidity at each tier, or show how much interest from individual participants there is at a particular price level.

[Para 40] **Tailor A User's Trading Experience**
Because no single trader's needs exactly match those of another trader, CyberTrader Pro provides a variety of order routing customization features, including the ability to:

[Para 41] Verify orders before they are sent, as well as enable or disable keyboard executions (helps prevent placing orders inadvertently),

[Para 42] Specify a Delta Value, which can be used when trading listed stocks or when using SuperMontage Directed as your order venue when trading OTC stocks,

[Para 43] Choose the SuperMontage Execution Priority to best suit your preferences,

[Para 44] Select personalized time-out settings for each order routing venue, and,

[Para 45] Accelerate order entry time by customizing a default quantity field value.

[Para 46] Of course, as with every CyberTrader Pro window, the fonts and colors can be adjusted to help create an interface that's comfortable to look at according to the taste of the user while using screen space efficiently.

[Para 47] **Send Orders Faster**
For traders who prefer keyboard shortcuts to pointing and clicking, CyberTrader Pro's Hot Key capabilities can help get orders underway in a hurry.

[Para 48] Hot Key Stocks – Load frequently watched stocks quickly by assigning stocks to the keyboard number pad, or by assigning a short alias (A instead of ABC).

[Para 49] Hot Key Executions – Assign an entire execution scheme to a single keystroke. Set up an order to buy, sell, or short via any of CyberTrader's available routing venues, including a Delta adjustment (even specifying whether to calculate the price from the bid or ask), and when ready to trade, activate the scheme with the keystroke individually select.

[Para 50] Access Real-Time Market Intelligence

[Para 51] Our Data Delivery Methods
Rather than relying on third-party data services, CyberTrader engineers designed its own cutting-edge system that receives data directly from the exchanges, ECNs, and other providers and disseminates the data to all the CyberTrader platforms in real-time.

[Para 52] This system provides a multitude of advantages over using third-party data:

[Para 53] Reliability – All testing, maintenance, and upgrades are done in-house by the very developers who designed it, which means no waiting for a third party to resolve data issues.

[Para 54] Speed – By processing data received directly from the source, rather than from an intermediary who has already processed the data, the information gets the user to the screen that much faster.

[Para 55] Cost Savings – By reducing dependence on a third-party data provider, the invention allows for the ability to keep service and innovation at a maximum while keeping commissions at a minimum.

[Para 56] This system provides real-time data for U.S. equities (Level I and Level II), indexes, options, futures, news and charts (historical and real-time tick and intraday charts). Data is sent directly from NYSE, AMEX, Nasdaq, OPRA, and CME; ECN Book data comes directly from ARCA, BRUT, and INET; and news comes from Dow Jones Newswire™ and Comtex.

[Para 57] Analyze Price Movements
Technical analysis is the cornerstone of many traders' strategies, but often the tools for analyzing price and volume movements are complex and difficult to learn. CyberTrader Pro, however, meets the challenge of providing vast amounts of data in an efficient, user-friendly, and customizable format.

[Para 58] CyberCharts can be customized to suit specific trading style and aesthetic preferences tailored to the individual, from the font size and line colors to the period length of each line in a study. The following are a few other ways CyberCharts can be customized:

[Para 59] Tab Navigation – Because screen real estate is so precious, CyberTrader Pro allows multiple charts *within* each charting window. Each user sets the chart time frame, studies and other details, give the chart a special name, and then they can quickly tab between several charts while only having one chart window open.

[Para 60] Graph Styles – CyberCharts allows a person to choose between the most popular graph styles: Bar, Candlestick, Line, and Point & Figure, including customizable P&F Box size and Reversal settings. Each style offers a unique visualization of the timeframe being viewed.

[Para 61] Chart Types - Chart types available are Tick, Intraday, Daily, Weekly and Monthly.

[Para 62] With CyberTrader Pro, a client keep up to 20 chart windows open at one time.

[Para 63] The foundation for technical analysis is in the studies applied to the charts. CyberTrader Pro offers more than 25 studies, most with customizable periods and other settings, and all with the ability to be placed either in a separate panel below the chart or overlaid on the chart. The following studies are available:

[Para 64] Adaptive RSI

[Para 65] Average DM (ADX)

[Para 66] Average True Range (ATR)

[Para 67] Bollinger Bands

[Para 68] CCI

[Para 69] Directional Movement (DX)

[Para 70] DM (+DI) – Positive

[Para 71] DM (-DI) – Negative

[Para 72] Envelope

[Para 73] MACD

[Para 74] MACD – Histogram

[Para 75] Momentum

[Para 76] Money Flow

[Para 77] Money Flow Percent   Moving Avg - Exponential

[Para 78] Moving Avg – Simple

[Para 79] On Balance Volume

[Para 80] Options Historical Volatility

[Para 81] Pivot Points (Intraday)

[Para 82] Rate of Change

[Para 83] Relative Strength Index

[Para 84] Signal Line

[Para 85] Stochastic - %D

[Para 86] Stochastic - %Slow

[Para 87] Stochastic - %K

[Para 88] Stochastic RSI

[Para 89] Volume

[Para 90] Williams %R

[Para 91] In addition to studies, the following features aid in analyzing a stock's movements:

[Para 92] **Overlays** – To help provide some perspective on the movements of a stock over a period of time, CyberCharts can display the chart for an index or another stock on top of the main chart.

[Para 93] **Trend Lines** – Regular, Fibonacci fan and retracement, and Best fit (regression) trend lines provide several methods for determining short and long-term trends in a stock's price. Trend lines are adjustable so you can adjust them as performances changes.

[Para 94] **Support/Resistance Lines** – Find out if a stock has broken through a price barrier using support and/or resistance lines.

[Para 95] Monitor Market Momentum

[Para 96] **Dynamic Ticker**
CyberTrader Pro's Tickers are powerful tools that allow you to get instant "signals" based on the activity of every Market Maker, ECN or Exchange for a stock or list of stocks. With the Dynamic Ticker, you can create or import a list of stocks to monitor, while the Position Ticker displays stocks in which you currently hold a position.

[Para 97] As the signals (such as changes to participants' quotes, quote refreshes, participants leaving or joining the bid/ask, etc.) are sent to the tickers, you can view them as streaming text. Or you can turn on the graphic display, which assimilates these signals and converts them to three basic signals:

[Para 98] **Activity Rate** (represented by **R:** in the window) graph displays the amount of market participant activity that has occurred for a particular symbol over the last time frame by counting the number of messages that have scrolled through the Ticker for that stock.

[Para 99] **Net Value** (represented by **V:** in the window) graph shows the sum of all the signal weights for a particular symbol over the last time frame by summing the green (+1) and red (-1) messages that have scrolled through the window for each stock.

[Para 100] **Rate Adjusted Value**, also called the Score, (represented by **S:** in the window) combines a symbol's Activity Rate and Net Value into a single strength value.

[Para 101] The user can view one or all of these signals for each stock in your Dynamic or Position Ticker, and you can make a variety of adjustments, such as changing the weight of certain signals in the calculations, and modifying settings to favor more thinly or heavily traded stocks, etc.

[Para 102] Filtering Tools

[Para 103] CyberTrader Pro offers powerful technical analysis tools to help identify new opportunities amidst the market "noise". Each tool offers visual cues of market changes that the customer wants to know about, so they may take action quickly -- potentially locking in gains and limiting losses.

[Para 104] **Print Ticker:** See through the market "noise" with the Print Ticker, a tool that may help simplify the way the client user watches prices change on the securities you track most. It filters through large volumes of market data to help you identify the small, incremental, real-time market changes that are critical to active traders. View the quantity, trade price, and change from open or close for up to 250 stock, index, and futures symbols of your choice. For even greater insight into the market, a user can open up to six Print Ticker windows at one time. Each ticker can contain up to four tabs, equipped with different stock lists to expand the view of the market. Customizable, this tool allows a user to create a list of the securities they track most, or load one of the pre-created stock, index, or futures symbol lists available in the platform.

[Para 105] **Scan Ticker:** Prepare for market momentum changes with the Scan Ticker. This real-time streaming tool alerts tuser when block trades are executed, potentially identifying trading activity from large players. Also, let it search for print or quote changes based on specific volume size or price increments. Just enter the stock, futures, or index symbols that you want to monitor, select your specifications and keep an eye on the tool for notification of any trades that meet your query criteria. For even greater insight into the market, open up to four Scan Ticker windows at one time.

[Para 106] **Technical Analysis Matrix™ Tool:** Stay focused and aware of potential trading opportunities in a specific security with the Technical Analysis Matrix tool. This tool monitors the performance of a stock or index symbol that you want to watch carefully in real-time, and compares it to a broad range of technical analysis strategies. See when real-time technical analysis directional crossovers occur with an indicator crossing either the stock price or a second indicator. Use the matrix to compare and analyze possible up or down trends in the security's performance for over 30 technical analysis strategies, including Relative Strength Index, Exponential Moving Average, Williams % R, and Stochastics. For a more complete view, use all six available time intervals (bar sizes) to monitor a security's performance.

[Para 107] **Technical Analysis Ticker™ Tool:** The Technical Analysis Ticker tool offers advanced technical analysis capabilities to help you find trading opportunities among large quantities of market data in real-time. It analyzes trade thresholds and continuously updates throughout the trading day. With the Technical Analysis Ticker tool, the user can quickly identify thresholds being crossed for over 8,000 securities and indices using over 30 technical analysis strategies tick by tick. A customizable tool makes it easy to select the technical strategy, time interval, type of security, and price/volume filters that work for each customer's trading style.

[Para 108] Manage Risk

[Para 109] Keeping a close watch on the individual open positions and the user's account balances can be pivotal to trading successfully. Having an abundance of useful statistics for the user's trading activity, both intraday and historically, helps them learn from mistakes and repeat their successes. CyberTrader Pro provides several tools designed to help keep unnecessary risk from undermining each customer's success.

[Para 110] **Manage Your Account**
CyberTrader Pro's Account Manager helps keep track of your account balances and allows each user to close or cancel executed and open orders. The account status is represented by the following classifications, and can be set to automatically open the tab that applies to the status of each user's order, so they are always looking at the most relevant information:

[Para 111] **Orders** – Shows every order placed today, where and how it was routed, and whether or not it was executed. They can also cancel pending orders from the Orders tab.

[Para 112] **Executions** – Shows an electronic trade sheet listing all of today's executions.

[Para 113] Trades - Shows an electronic trade sheet listing all of today's completed trades (buy+sell) with the profit and loss of each round trip.

[Para 114] Opens – Shows an individualized current portfolio of positions, including maintenance requirements, quantity, and price. The user can also simultaneously close or cancel multiple positions from this tab.

[Para 115] When trading options, the Opens tab displays which positions are being paired within all of their multi-leg strategies. Our sophisticated, real-time pairing logic automatically and optimally pairs the user's individual strategies, ensuring that requirements are minimized and available trading capital is maximized. Requirements are automatically calculated and updated anytime the client enters a trade, or when they request an update through the Account Manager. They can even ascertain the origin of a position to see exactly how the requirement is being calculated.

[Para 116] Alerts - Allows each user to manage and view the status of their alerts. Create custom alerts for stocks, options, and futures that are as simple or complex as they need. Select the criteria that will cause the alert to fire, as well as the action the alert will take. The user can choose to have the alert simply notify that iser that their conditions have been met, or route a Buy, Sell, or Short order for that individual.

[Para 117] Stats - The Account Manager also keeps a few real-time Statistics at each user's fingertips, including the following: Overnight, Intraday and Real-Time Buying Power; Money Used; Open, Closed, and Total P&L; the current number of pending orders, executions, open positions, and active alerts; and finally, the account manager shows the dollar value of commissions paid today.

[Para 118] The user can also open a separate Open Positions window to simultaneously view open positions and orders, executions, trades, alerts, or statistics.

[Para 119] Learn from Experience
Reviewing your trading history and intraday statistics can be essential for learning what strategies are or are not working for the user, as well as for keeping a record of their trading activity.

[Para 120] The Portfolio Manager displays many of the same statistics as the Account Manager, but with a more detailed breakdown of intraday statistics, the ability to query historical trading activity, as well as provide a graphical depiction of your portfolio broken down by sector and/or stock symbol.

[Para 121] Intraday Statistics view shows:

[Para 122] A net worth breakdown (starting, real-time, change in, margin equity %, etc.),

[Para 123] A profit & loss summary showing total P&L, biggest gain and loss still open, and biggest gain and loss closed today,

[Para 124] Breakdowns between long and short trades, so the user can see which strategies worked for them today;

[Para 125] Trade statistics, such as total number of trades, profitable trades, day trades, number of shares per trade, etc.

[Para 126] Commission and fee summary, and

[Para 127] Profitability ratios, such as avg. profit divided by average loss and the profit/commissions ratio.

[Para 128] Stay Alert
CyberTrader Pro offers a sophisticated alert and conditional order system that allows each customer to keep several "eyes" on the market at once. To help them manage risk, alerts can be conveniently entered from the Stock Box or the Account Manager.

[Para 129] Place Conditional Orders from Your Stock Box
Risk management is critical; that's why we have made CyberXchange Trailing Stop orders available from the Stock Box. Now placing a Trailing Stop conditional order can be done quickly and easily. Its convenient location in the platform can help you lock in gains and minimize losses.

[Para 130] For example, imagine you are long 100 shares of WXYZ at 10.50 and you set a CyberXchange Trailing Stop sell order set to trail by 1 point. Then the price of WXYZ goes up to 15, but subsequently dips back down to 8. With a CyberXchange Trailing Stop order, the customer's order would have become a CyberXchange market order to sell as soon as the price dropped to or below 14 (one point of the highest bid of 15).

[Para 131] Set Alerts from Your Account Manager
Using the Alerts tool (which is managed from the Account Manager window) the user can perform three major tasks:

[Para 132] Set the system to alert the user when your conditions are met (such as a certain stock meeting a price target or a specific position losing a certain % of its market value);

[Para 133] Send an order to close a position when the user's conditions are met;

[Para 134] Send an order to open a position when the user's conditions are met.

[Para 135] Alerts can also be made "persistent." This means that the user's alert resides on our servers. Therefore, they can log off of the trading platform while their alert remains active.

[Para 136] Additionally, the Alert Templates feature allows each user to create alert "shells" that can be quickly activated from several CyberTrader windows, such as the Market View, Top 10, Highs/Lows, Charts, etc. Several templates come installed with the software, or they can design their own. This is useful when the client frequently use the same conditions and/or actions for an alert, as it allows them to quickly apply the alert with the parameters already filled in.

[Para 137] Build Watches on Your Criteria
CyberTrader Pro's stock screener, CyberQuant, is fully customizable to help the user find opportunities that might ordinarily be off their radar. By setting up one or several of the 130 available filters, they can design a query to seek out stocks that fall within the parameters they desire.

[Para 138] Some of the types of filters available include price and volume statistics, technical analysis values (SMA, EMA, RSI, etc.), financial data (earnings, P/E ratios, dividend, shares outstanding, etc.), analyst recommendations, and industry/sector categorizations.

[Para 139] Two display types are available for viewing the results of the user's CyberQuant query:

[Para 140] The **List display** shows the resulting stocks in a grid, so that the client can sort by column and easily see data for each stock in the list. Like in the Market View, they can customize which columns they wish to view.

[Para 141] The **Graph display** is more complex and displays the results of your query as plot points on a 5-dimensional grid – X, Y, Z, size, and color (of each plot point.) Each dimension can be represented by any of the 130 filters.

[Para 142] See What Others are Trading
CyberTrader Pro offers several order flow tools that can provide insight into which stocks are being traded more heavily and on which venue:

[Para 143] Executed ECN Orders - Displays all the executed (matched) orders reported from the INET ECN.

[Para 144] Open ECN Orders - Displays all posted orders (not matched) reported from the INET ECN.

[Para 145] Order Executions – Displays all SuperMontage, ECN, and NYSE orders executed through CyberTrader.

[Para 146] Trader Order Flow - Displays all orders and executions of CyberTrader clients.

[Para 147] Get Breaking News and up to the Minute Research
CyberTrader Pro's News tool not only displays real-time "hot" news, but also allows the user to search up to five prior days of news for a particular symbol, as well as set up a news watch list to highlight headlines for a list of symbols you specify.

[Para 148] The News window can be set to emit an audible alert when new headlines arrive in any of the news tabs, which can alert a user to potential opportunities for new trades or potential risks to current positions. As with all CyberTrader functions, flexibility and speed are paramount. As such, both news and research for a stock can be accessed in most CyberTrader Pro windows by right-clicking on a symbol and selecting either *Query for News on [symbol]* or *Research [symbol]*. Clicking on Research will link the user to their favorite stock research site.

[Para 149] Sharpen Your Edge

[Para 150] In 2002 and 2003, Forbes magazine named CyberTrader the best brokerage for hyperactive traders. CyberTrader earned this recognition because of our commitment to offering our clients easily accessible, high-quality education tools and training courses.

[Para 151] Trading Simulators
We believe that greater awareness of each user's platform features and practice using their platform will help make them a more successful trader. Thus, every user can use the Simulator†† or Demo‡ mode (in their platform) to practice specific trading strategies with real market data.

[Para 152] The Simulator uses recorded market data so the user can refine their skills risk-free 24 hours per day, 7 days a week. Access the Simulator at: http://www.cybertrader.com/cybertrader/dem_sim.asp. If they are a client, they can also use the Demo mode in your platform to "paper trade" with live data during market hours without risk. To access the Demo mode, click "Demo" instead of "Live Logon" when logging on to CyberTrader Pro.

[Para 153] Courses, Tutorials & Seminars
To brush up on market basics and technical analysis, or share experiences with other CyberTraders in a chat room, we offer additional self-paced tutorials, live training courses, and a community forum – all accessible from the Trader Resources section of our website at: http://www.cybertrader.com/ctu/traderesources/.

The self-paced tutorials and live classes examine the psychology of trading, how the markets work, entering orders, using the software, new client orientation, and more. In addition, we offer online seminars hosted by CyberTrader's Chief Market Strategist, Ken Tower and CMT. The topics include technical analysis, risk management, and stock selection.

APPENDIX C -MORE SAMPLE OUTPUT

[Para 154] "Ordered Trades (long and short):" ((SLR 0.19 0.21179391 10) (LUV -0.19 0.30853698 10)(AGRA 0.099999994 0.13536915 10) (PFE -0.28 0.41333914 10)(SPY -0.61 0.8041052 10) (ORCL 0.19 0.2306124 10) (GE -0.38 0.38960272 10)(BRCM 0.90999997 1.0485071 10) (IWM -0.97999996 1.3533683 10)(MER 0.78 0.7812779 10) (MSFT 0.13 0.27388412 6) (MWD 0.59 0.8717507 5)(DELL -0.5 0.51249754 5) (GM 0.53 0.70123565 5) (WMT -0.5 0.66404927 4)(ET 0.26999998 0.2928808 4) (MMM -0.96 1.0529734 4) (EBAY -1.31 1.1751109 4)(NVDA 0.45999998 0.59174836 3) (BAC -0.89 0.6596294 3) (RJR -0.41 0.7072696 3)(F -0.22999999 0.30107895 3) (DIA -0.89 0.7142774 3)(LU -0.099999994 0.1251697 3) (JNJ 0.55 0.49980024 2) (RIMM -2.75 3.165225 2)(EK 0.32 0.53118646 2) (JDSU 0.099999994 0.15817225 2) (MO 0.47 0.56042403 2)(BBH 2.07 1.6064078 2) (DCGN -0.29 0.48465145 2)(AMGN -0.91999996 0.8673669 2) (CSCO -0.39999998 0.5225513 2)(GS -1.43 1.320251 2) (IBM -0.82 0.94496614 2) (PMCS 0.42 0.6556177 2)(AMZN 0.66999996 1.2345934 2) (QQQ -0.48999998 0.42357796 2)(AMTD -0.39 0.42330912 1) (EWJ -0.14 0.12833795 1)(MACR 0.35999998 0.49486545 1) (TRAD -0.14999999 0.26868823 1) (RFMD 0.17 0.3768703 1) (AMR -0.44 0.47739354 1) (NT 0.32 0.27017114 1)(IVGN -1.09 1.2574277 1) (AXP -0.48 0.51102793 1) (INTC 0.31 0.5621757 1)(JNPR -0.66999996 0.98081887 1) (EMC -0.29 0.28182745 1))

[Para 155] "Long Trades:" ((SLR 0.19 0.21179391 10) (AGRA 0.099999994 0.13536915 10)(ORCL 0.19 0.2306124 10) (BRCM 0.90999997 1.0485071 10)(MER 0.78 0.7812779 10) (MSFT 0.13 0.27388412 6) (MWD 0.59 0.8717507 5)(GM 0.53 0.70123565 5) (ET 0.26999998 0.2928808 4)(NVDA 0.45999998 0.59174836 3) (JNJ 0.55 0.49980024 2) (EK 0.32 0.53118646 2)(JDSU 0.099999994 0.15817225 2) (MO 0.47 0.56042403 2) (BBH 2.07 1.6064078 2)(PMCS 0.42 0.6556177 2) (AMZN 0.66999996 1.2345934 2)(MACR 0.35999998 0.49486545 1) (RFMD 0.17 0.3768703 1) (NT 0.32 0.27017114 1)(INTC 0.31 0.5621757 1))

[Para 156] "Short Trades:"

[Para 157] ((LUV -0.19 0.30853698 10) (PFE -0.28 0.41333914 10) (SPY -0.61 0.8041052 10)(GE -0.38 0.38960272 10) (IWM -0.97999996 1.3533683 10)(DELL -0.5 0.51249754 5) (WMT -0.5 0.66404927 4) (MMM -0.96 1.0529734 4)(EBAY -1.31 1.1751109 4) (BAC -0.89 0.6596294 3) (RJR -0.41 0.7072696 3)(F -0.22999999 0.30107895 3) (DIA -0.89 0.7142774 3)(LU -0.099999994 0.1251697 3) (RIMM -2.75 3.165225 2)(DCGN -0.29 0.48465145 2) (AMGN -0.91999996 0.8673669 2)(CSCO -0.39999998 0.5225513 2) (GS -1.43 1.320251 2) (IBM -0.82 0.94496614 2)(QQQ -0.48999998 0.42357796 2) (AMTD -0.39 0.42330912 1)(EWJ -0.14 0.12833795 1) (TRAD -0.14999999 0.26868823 1)(AMR -0.44 0.47739354 1) (IVGN -1.09 1.2574277 1) (AXP -0.48 0.51102793 1)(JNPR -0.66999996 0.98081887 1) (EMC -0.29 0.28182745 1))

[Para 158] "Factor Forecasts:" (($XMI 8.45 6.9049716 10) (MRK 0.63 0.6133899 10) (DD 0.59 0.4952355 10) (XOM -0.39999998 0.38904682 10) (HD 0.29 0.46383718 9)($TRIT -0.53999996 0.8132198 9) ($SOX 6.73 9.768367 9) ($OIX -2.9399998 2.9371219 9) ($IXCO -11.21 13.499422 9).3902399 8) ($OEX -4.64 4.0137706 8)(C -0.56 0.47196028 7) ($NDX 14.5199995 17.987043 6) (SCH 0.25 0.2570189 6)($VIX -1.05 0.90292054 6) (CAT -1.1 1.1917394 6) (KLAC 0.65 1.0778865 5)($MOX -0.24 0.2085179 5) (CY -0.35999998 0.45430157 5)

[Para 159] ($TRIN -0.57 0.6360811 5) ($OSX 1.2099999 1.5498196 5) ($RUT 6.46 6.6895123 5) (AA -0.44 0.69583285 5) (DNA 1.5699999 1.5416151 4) ($SPX 6.52 8.037771 4) ($BKX -7.17 90.327576 3) ($IXF 18.1 45.865597 3) ($OFIN 39.719997 41.6168 3) ($XAU 2.11 2.0497785 3) ($PSE 6.5099998 8.378838 2) (NOK -0.21 0.5868521 1) (AMD -0.5 0.43404773 1) (HPQ -0.32 0.42591795 1) ($TYX 0.26999998 0.47935775 1) ($SXV 0.71 0.8205991 1) ($RUI -5.38 4.2748847 1))

[Para 160] "TOP 10 Indicators Used: " ((" Joe predictor " . 5.997999) (" Fidelity indicator " . 5.6082344) (" facilitation streak" . 5.4142036) (" range streak" . 5.3948317) (" positive reactivity" . 5.2547894) (" decision tree advisor" . 5.1499166) ("breakdirection" . 5.0883703) (" High-acceleration " . 5.0607243) ("surprise-oriented-adaptive-average" . 4.9888945) (" percent change " . 4.910804))

[Para 161] OUTPUT 3 ("STOCKO's Portfolio for: " "4-8-2004") ("produced by STOCKO on " "4-7-2004" " at " "12:36:53")

[Para 162] "Ordered Trades (long and short):" ((SLR 0.19 0.21190353 10) (LUV -0.19 0.30853957 10) (MWD 0.57 0.8713385 10)(IWM -1.02 1.354679 10) (BAC -0.9 0.65824246 10) (GS -1.28 1.3202591 10)(RIMM -2.75 3.161566 10) (SPY -0.61 0.8032505 10) (WMT -0.5 0.6613174 10)(ORCL 0.19 0.23045507 10) (GE 0.32 0.39145845 10) (NVDA 0.44 0.5913223 10)(BRCM 0.90999997 1.0487658 10) (MER 0.74 0.77939206 10)

[Para 163] (MSFT 0.12 0.27370524 6) (DELL -0.5 0.5123115 5) (DIA -0.89 0.7127619 5)(AGRA 0.099999994 0.13536915 5) (ET -0.25 0.29287294 4)(MO 0.59999996 0.5650037 4) (EBAY -1.42 1.1753953 3) (GM 0.48 0.69718236 3)(RJR -0.41 0.7080013 3) (LU -0.099999994 0.12542781 3) (EK 0.32 0.5311671 2)(AMZN 0.65 1.2342407 2) (F -0.22999999 0.30058587 2) (DCGN -0.29 0.4844996 2)

[Para 164] (AMTD -0.39 0.4228723 2) (IBM -0.82 0.9449853 2) (QQQ 0.35 0.42326385 2)(EWJ -0.14 0.12795976 2) (JNJ 0.55 0.49980024 2) (PFE -0.28 0.41356057 1)(MACR 0.35 0.4944977 1) (CSCO -0.39999998 0.52225125 1) (AXP 0.5 0.5113237 1)(MMM -0.98999995 1.0532387 1) (RFMD -0.14999999 0.37742677 1)(JDSU 0.099999994 0.15822525 1) (PMCS 0.48 0.6559136 1)(BBH 1.9599999 1.6009895 1) (AMR -0.44 0.47723442 1) (NT 0.32 0.27017114 1)(IVGN -1.15 1.2593709 1) (AMGN -1.0 0.86529934 1) (INTC 0.29 0.561249 1)(JNPR -0.66999996 0.9809189 1) (TRAD -0.13 0.2683633 1)(EMC -0.29 0.28194073 1))

[Para 165] SAMPLE OUTPUT 3

[Para 166] ("STOCKO's Portfolio for: " "4-8-2004")

[Para 167] ("produced by STOCKO on " "4-7-2004" " at " "13:07:29")

[Para 168] "Ordered Trades (long and short):"

[Para 169] ((SLR 0.19 0.21179391 10) (LUV -0.19 0.30853698 10) (AGRA 0.099999994 0.13536915 10) (PFE -0.28 0.41333914 10) (SPY -0.61 0.8041052 10) (ORCL 0.19 0.2306124 10) (GE -0.38 0.38960272 10) (BRCM 0.90999997 1.0485071 10) (IWM -0.97999996 1.3533683 10) (MER 0.78 0.7812779 10) (MSFT 0.13 0.27388412 6) (MWD 0.59 0.8717507 5) (DELL -0.5 0.51249754 5) (GM 0.53 0.70123565 5) (WMT -0.5 0.66404927 4) (ET 0.26999998 0.2928808 4) (MMM -0.96 1.0529734 4) (EBAY -1.31 1.1751109 4) (NVDA 0.45999998 0.59174836 3) (BAC -0.89 0.6596294 3) (RJR -0.41 0.7072696 3) (F -0.22999999 0.30107895 3) (DIA -0.89 0.7142774 3) (LU -0.099999994 0.1251697 3) (JNJ 0.55 0.49980024 2) (RIMM -2.75 3.165225 2) (EK 0.32 0.53118646 2) (JDSU 0.099999994 0.15817225 2) (MO 0.47 0.56042403 2) (BBH 2.07 1.6064078 2) (DCGN -0.29 0.48465145 2) (AMGN -0.91999996 0.8673669 2) (CSCO -0.39999998 0.5225513 2) (GS -1.43 1.320251 2) (IBM -0.82 0.94496614 2) (PMCS 0.42 0.6556177 2) (AMZN 0.66999996 1.2345934 2) (QQQ -0.48999998 0.42357796 2) (AMTD -0.39 0.42330912 1) (EWJ -0.14 0.12833795 1) (MACR 0.35999998 0.49486545 1) (TRAD -0.14999999 0.26868823 1) (RFMD 0.17 0.3768703 1) (AMR -0.44 0.47739354 1) (NT 0.32 0.27017114 1) (IVGN -1.09 1.2574277 1) (AXP -0.48 0.51102793 1) (INTC 0.31 0.5621757 1) (JNPR -0.66999996 0.98081887 1) (EMC -0.29 0.28182745 1))

[Para 170] "Long Trades:"

[Para 171] ((SLR 0.19 0.21179391 10) (AGRA 0.099999994 0.13536915 10) (ORCL 0.19 0.2306124 10) (BRCM 0.90999997 1.0485071 10) (MER 0.78 0.7812779 10) (MSFT 0.13 0.27388412 6) (MWD 0.59 0.8717507 5) (GM 0.53 0.70123565 5) (ET 0.26999998 0.2928808 4) (NVDA 0.45999998 0.59174836 3) (JNJ 0.55 0.49980024 2) (EK 0.32 0.53118646 2) (JDSU 0.099999994 0.15817225 2) (MO 0.47 0.56042403 2) (BBH 2.07 1.6064078 2) (PMCS 0.42 0.6556177 2) (AMZN 0.66999996 1.2345934 2) (MACR 0.35999998 0.49486545 1) (RFMD 0.17 0.3768703 1) (NT 0.32 0.27017114 1) (INTC 0.31 0.5621757 1))

[Para 172] "Short Trades:"

[Para 173] ((LUV -0.19 0.30853698 10) (PFE -0.28 0.41333914 10) (SPY -0.61 0.8041052 10) (GE -0.38 0.38960272 10) (IWM -0.97999996 1.3533683 10) (DELL -0.5 0.51249754 5) (WMT -0.5 0.66404927 4) (MMM -0.96 1.0529734 4) (EBAY -1.31 1.1751109 4) (BAC -0.89 0.6596294 3) (RJR -0.41 0.7072696 3) (F -0.22999999 0.30107895 3) (DIA -0.89 0.7142774 3) (LU -0.099999994 0.1251697 3) (RIMM -2.75

3.165225 2) (DCGN -0.29 0.48465145 2) (AMGN -0.91999996 0.8673669 2) (CSCO -0.39999998 0.5225513 2) (GS -1.43 1.320251 2) (IBM -0.82 0.94496614 2) (QQQ -0.48999998 0.42357796 2) (AMTD -0.39 0.42330912 1) (EWJ -0.14 0.12833795 1) (TRAD -0.14999999 0.26868823 1) (AMR -0.44 0.47739354 1) (IVGN -1.09 1.2574277 1) (AXP -0.48 0.51102793 1) (JNPR -0.66999996 0.98081887 1) (EMC -0.29 0.28182745 1))

[Para 174] "Factor Forecasts:"

[Para 175] (($XMI 8.45 6.9049716 10) (MRK 0.63 0.6133899 10) (DD 0.59 0.4952355 10) (XOM -0.39999998 0.38904682 10) (HD 0.29 0.46383718 9) ($TRIT -0.53999996 0.8132198 9) ($SOX 6.73 9.768367 9) ($OIX -2.9399998 2.9371219 9) ($IXCO -11.21 13.499422 9) ($MSH 5.49 6.7244673 8) (JPM 0.48999998 0.3902399 8) ($OEX -4.64 4.0137706 8) (C -0.56 0.47196028 7) ($NDX 14.5199995 17.987043 6) (SCH 0.25 0.2570189 6) ($VIX -1.05 0.90292054 6) (CAT -1.1 1.1917394 6) (KLAC 0.65 1.0778865 5) ($MOX -0.24 0.2085179 5) (CY -0.35999998 0.45430157 5) ($TRIN -0.57 0.6360811 5) ($OSX 1.2099999 1.5498196 5) ($RUT 6.46 6.6895123 5) (AA -0.44 0.69583285 5) (DNA 1.5699999 1.5416151 4) ($SPX 6.52 8.037771 4) ($BKX -7.17 90.327576 3) ($IXF 18.1 45.865597 3) ($OFIN 39.719997 41.6168 3) ($XAU 2.11 2.0497785 3) ($PSE 6.5099998 8.378838 2) (NOK -0.21 0.5868521 1) (AMD -0.5 0.43404773 1) (HPQ -0.32 0.42591795 1) ($TYX 0.26999998 0.47935775 1) ($SXV 0.71 0.8205991 1) ($RUI -5.38 4.2748847 1))

"TOP 10 Indicators Used: " ((" Joe predictor   " . 5.997999) (" Fidelity indicator   " . 5.6082344) (" facilitation streak" . 5.4142036) (" range streak" . 5.3948317) (" positive reactivity" . 5.2547894) (" decision tree advisor" . 5.1499166) ("breakdirection" . 5.0883703) (" High-acceleration " . 5.0607243) ("surprise-oriented-adaptive-average" . 4.9888945) (" percent change " . 4.910804))